

Title (en)

METHOD OF OBTAINING I-BUTENE AND/OR HEXENES.

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 1-BUTAN UND/ODER HEXENEN.

Title (fr)

PROCEDE D'OBTENTION DU BUTANE-I ET/OU DES HEXENES.

Publication

EP 0356518 A4 19900626 (DE)

Application

EP 88905036 A 19880223

Priority

SU 8800042 W 19880223

Abstract (en)

[origin: WO8908091A1] A method of obtaining I-butene and/or hexenes consists in dimerization of ethylene and/or codimerization of ethylene and propylene in an organic solvent at a high pressure and at a temperature of 0-100 DEG C in the presence of a complex metal-organic catalyst containing titanium alcoholate of formula $Ti(OR)_4$, where R is an alkyl radical having 1 to 8 carbon atoms or aryl, trialkylaluminium of formula AlR_3 , where R is an alkyl radical having 1 to 6 carbon atoms, a magnesium-organic compound of formula MgR_2 and/or $MgRX$, where R is an alkyl radical having 1 to 4 carbon atoms and X is Br, Cl, I.

IPC 1-7

C07C 2/30; C07C 11/08; C07C 11/107

IPC 8 full level

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CPC (source: EP US)

C07C 2/30 (2013.01 - EP US); **C07C 2531/02** (2013.01 - EP US); **C07C 2531/12** (2013.01 - EP US); **C07C 2531/14** (2013.01 - EP US)

Citation (search report)

- Keine Entgegenhaltungen.
- See references of WO 8908091A1

Cited by

EP0516852A4; WO9520557A1; WO9511874A1

Designated contracting state (EPC)

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